

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM S-8  
REGISTRATION STATEMENT  
UNDER  
THE SECURITIES ACT OF 1933

**Second Sight Medical Products, Inc.**  
(Exact name of registrant as specified in its charter)

California  
(State or other jurisdiction of  
incorporation or organization)

**02-0692322**  
(I.R.S. Employer  
Identification No.)

**12744 San Fernando Road, Suite 400**  
**Sylmar, California 91342**  
**(818) 833-5000**  
(Address of Principal Executive Offices, including Zip Code)

**Second Sight Medical Products Inc. 2011 Equity Incentive Plan, as Amended**  
**Second Sight Medical Products Inc. 2015 Employee Stock Purchase Plan**  
**Second Sight Medical Products Inc. Equity Incentive Plan-Restricted Stock Units**  
**(Full title of the plans)**

**Will McGuire**  
**Chief Executive Officer**  
**Second Sight Medical Products, Inc.**  
**12744 San Fernando Road, Suite 400**  
**Sylmar, California 91342**  
(Name and address of agent for service)

**(818) 833-5000**  
(Telephone number, including area code, of agent for service)

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act:

Large accelerated filer  
Non-accelerated filer

(do not check if a small reporting company)

Accelerated filer  
Smaller reporting company

CALCULATION OF REGISTRATION FEE

| Title of Securities to be Registered | Amount to be Registered (1) | Proposed Maximum Offering Price per Share | Proposed Maximum Aggregate Offering Price | Amount of Registration Fee |
|--------------------------------------|-----------------------------|---|---|----------------------------|
| Common Stock, no par value per share | 1,500,000(2)                | \$ 3.84                                   | \$ 5,760,000                              | \$ 580.03                  |
| Common Stock, no par value per share | 100,000(3)                  | \$ 3.84                                   | \$ 384,000                                | \$ 38.67                   |
| Common Stock, no par value per share | 190,000(4)                  | \$ 3.84                                   | \$ 729,600                                | \$ 73.47                   |
| Total                                | 1,790,000                   |   | \$ 6,873,600(5)                           | \$ 692.17(6)               |

(1) Pursuant to Rule 416(a) of the Securities Act of 1933 ("1933 Act") as amended, this registration statement also covers any additional shares of common stock that become issuable by reason of any stock dividend, stock split, recapitalization or other similar transactions effected without the registrant's receipt of consideration that results in an increase in the number of registrant's outstanding shares of common stock.

(2) Represents additional shares issuable upon exercise of options, and upon vesting of restricted stock units (RSUs), reserved pursuant to future awards under the amended 2011 Equity Plan. As amended in 2016, the 2011 Equity Incentive Plan allows generally for the grant of RSUs.

(3) Represents additional shares of common stock reserved for issuance pursuant to future awards under the 2015 Employee Stock Purchase Plan.

(4) Represents 190,000 shares of common stock reserved for issuance upon vesting of restricted stock units granted to Will McGuire on December 1, 2015 under the Executive Incentive Plan-Restricted Stock Units, as an inducement award made pursuant to the Inducement Exception. Twenty-five percent (25%) of the award, or 47,500 shares vest on August 18, 2016, and thereafter vest in 12 equal installments of six and one quarter percent (6.25%) on the next 12 quarterly periods.

(5) Estimated in accordance with paragraphs (c) and (h) of Rule 457 under the 1933 Act solely for the purpose of calculating the registration fee on the basis of \$3.84, which represents the average of the high and low price per share of the Company's common stock on August 16, 2016 as reported on the Nasdaq Capital Market.

(6) Pursuant to Rule 457(p) under the 1933 Act, Registrant is offsetting the amount of the filing fee hereunder from the filing amount of \$1,000 previously paid on January 22, 2016 in connection with the filing of a registration statement on Form S-1, file no. 333-209113.

### Explanatory Note

This Registration Statement on Form S-8 is being filed by Second Sight Medical Products, Inc. (the "Registrant") to register a total of (i) 1,500,000 additional shares of Common Stock issuable under the Registrant's 2011 Equity Incentive Plan, (ii) 100,000 shares of common stock issuable under the Registrant's 2015 Employee Stock Purchase Plan (the "Plan") pursuant to an "evergreen" provision in the Plan, and (iii) 190,000 shares of common stock previously announced for stand-alone restricted stock unit awards, the grant of which to Will McGuire was approved by our board of directors on December 1, 2015 as an inducement award in connection with the commencement of his employment.

### INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

Information required by Part I to be contained in the Section 10(a) prospectus is omitted from this Registration Statement in accordance with Rule 428 under the Securities Act of 1933, as amended, and the Explanatory Note to Part I of Form S-8.

### PART II

### INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

#### Item 3. Incorporation of Documents by Reference.

The SEC allows us to "incorporate by reference" the information we file with them, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this registration statement, and later information filed with the SEC will update and supersede this information. We hereby incorporate by reference into this registration statement the following documents previously filed with the SEC:

- (a) Our Annual Report on Form 10-K, and Form 10K/A, for the fiscal year ended December 31, 2015, filed with the Commission on March 11, 2016 and on August 8, 2016.
- (b) Our Quarterly Report on Form 10-Q, and Form 10Q/A, for the fiscal quarter ended March 31, 2016, filed with the Commission on May 6, 2016 and on August 8, 2016; our Quarterly Report on Form 10-Q for the three month and six month periods ended June 30, 2016, filed with the Commission on August 8, 2016.
- (c) Our Current Reports on Form 8-K filed with the Commission on March 25, 2016, May 11, 2016, June 2, 2016, June 15, 2016, July 7, 2016, July 25, 2016 and August 1, 2016 (regarding the appointment of two distributors).
- (d) The description of the Common Stock contained in our Registration Statement on Form 8-A (Registration No. 001-36747) filed with the Commission on November 14, 2014, as amended on Form 8-A/A filed with the Commission on November 17, 2014, including any additional amendment or report filed for the purpose of updating such description.

All documents that the registrant subsequently files pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Securities Exchange Act of 1934, as amended, prior to the filing of a post-effective amendment to the registration statement which indicates that all of the shares of common stock offered have been sold or which deregisters all of such shares then remaining unsold, shall be deemed to be incorporated by reference in this registration statement and to be a part hereof from the date of the filing of such documents; except as to any portion of any future annual or quarterly report to stockholders or document or current report furnished under current Items 2.02 or 7.01 of Form 8-K that is not deemed filed under such provisions. For the purposes of this registration statement, any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this registration statement.

Under no circumstances will any information filed under current items 2.02 or 7.01 of Form 8-K be deemed incorporated herein by reference unless such Form 8-K expressly provides to the contrary.

**Item 4. Description of Securities.**

The Restricted Stock Units registered herein represent rights, with or without dividend equivalents, to acquire shares of Common Stock for no additional consideration pursuant to the Plan, upon the vesting thereof. Subject to the provisions of the Plan, Restricted Stock Units may not be sold, assigned, transferred, pledged, hypothecated, or otherwise disposed of or encumbered and shall be subject to a risk of forfeiture until the lapse of all applicable restrictions.

**Item 5. Interests of Named Experts and Counsel.**

Aaron A. Grunfeld has rendered an opinion as to the legality of the shares of Second Sight Medical Products, Inc. offered hereby. Aaron A. Grunfeld beneficially owns 43,848 shares of our common stock and options to purchase 30,000 shares of our common stock.

**Item 6. Indemnification of Directors and Officers.**

Section 317 of the California Corporations Code, or the California Code, authorizes a corporation to indemnify, subject to certain exceptions, any person who was or is a party or is threatened to be made a party to any proceeding (other than an action by or in the right of the corporation to procure a judgment in its favor) by reason of the fact that such person is or was an agent of the corporation, as the term "agent" is defined in section 317(a) of the California Code, against expenses, judgments, fines, settlements and other amounts actually and reasonably incurred in connection with such proceeding if such person acted in good faith and in a manner such person reasonably believed to be in the best interests of the corporation and, in the case of a criminal proceeding, had no reasonable cause to believe the conduct of such person was unlawful. A corporation is further authorized to indemnify, subject to certain exceptions, any person who was or is a party or is threatened to be made a party to any threatened, pending, or completed action by or in the right of the corporation to procure a judgment in its favor by reason of the fact that the person is or was an agent of the corporation, against expenses actually and reasonably incurred by that person in connection with the defense or settlement of the action if the person acted in good faith, in a manner the person believed to be in the best interests of the corporation and its shareholders.

Section 204 of the California Code provides that a corporation's articles of incorporation may not limit the liability of directors (i) for acts or omissions that involve intentional misconduct or a knowing and culpable violation of law, (ii) for acts or omissions that a director believes to be contrary to the best interests of the corporation or its shareholders or that involve the absence of good faith on the part of the director, (iii) for any transaction from which a director derived an improper personal benefit, (iv) for acts or omissions that show a reckless disregard for the director's duty to the corporation or its shareholders in circumstances in which the director was aware, or should have been aware, in the ordinary course of performing a director's duties, of a risk of a serious injury to the corporation or its shareholders, (v) for acts or omissions that constitute an unexcused pattern of inattention that amounts to an abdication of the director's duty to the corporation or its shareholders, (vi) under Section 310 of the California Code (concerning transactions between corporations and directors or corporations having interrelated directors) or (vii) under Section 316 of the California Code (concerning directors' liability for distributions, loans, and guarantees).

Section 204 further provides that a corporation's articles of incorporation may not limit the liability of directors for any act or omission occurring prior to the date when the provision became effective or any act or omission as an officer, notwithstanding that the officer is also a director or that his or her actions, if negligent or improper, have been ratified by the directors. Further, Section 317 has no effect on claims arising under federal or state securities laws and does not affect the availability of injunctions and other equitable remedies available to a corporation's shareholders for any violation of a director's fiduciary duty to the corporation or its shareholders.

The Company's Restated Articles of Incorporation provide for the elimination of liability for its directors to the fullest extent permissible under California law and authorize it to provide indemnification to directors, officers, employees or other agents through bylaw provisions, agreements with agents, vote of shareholders or disinterested directors or otherwise, in excess of the indemnification otherwise permitted by Section 317 of the California Code, subject only to the applicable limits with respect to actions for breach of duty to the Company and its shareholders.

The Company's Amended and Restated Bylaws provide that it shall indemnify its directors and officers, employees and agents against expenses, judgments, fines, settlements, and other amounts actually and reasonably incurred in connection with any proceeding, arising by reason of the fact that such person is or was its agent. As included in the Company's Amended and Restated Bylaws, a "director" or "officer" includes any person (a) who is or was a director or officer of the Company, (b) who is or was serving at the request of the Company as a director or officer of another corporation, partnership, joint venture, trust or other enterprise, or (c) who was a director or officer of a corporation which was a predecessor corporation of the Company or of another enterprise at the request of such predecessor corporation. The Company's Amended and Restated Bylaws also contain provisions expressing the intent that these bylaws provide indemnity in excess of that expressly permitted by Section 317 of the California Code to indemnify each of its employees and agents (other than directors and officers) against expenses, judgments, fines, settlements, and other amounts actually and reasonably incurred in connection with any proceeding, arising by reason of the fact that such person is or was its agent. As included in the Company's Amended and Restated Bylaws, an "employee" or "agent" (other than a director or officer), includes any person who (a) is or was an employee or agent of the Company, (b) is or was serving at the Company's request as an employee or agent of another corporation, partnership, joint venture, trust or other enterprise, or (c) was an employee or agent of a corporation which was a predecessor corporation of the Company or of another enterprise at the request of such predecessor corporation.

The Company's Amended and Restated Bylaws further provide that it may advance expenses incurred in defending any proceeding for which indemnification is required or permitted, following authorization thereof by the board of directors, prior to the final disposition of the proceeding upon receipt of an undertaking by or on behalf of the indemnified party to repay that amount if it shall be determined ultimately that the indemnified person is not entitled to be indemnified as authorized by its Amended and Restated Bylaws. The indemnification provided for in the Company's Amended and Restated Bylaws for acts, omissions or transactions while acting in the capacity of, or while serving as, a director or officer of the Company but not involving a breach of duty to the Company and its shareholders will not be deemed exclusive of any other rights those seeking indemnification may be entitled under any bylaw, agreement, vote of shareholders or disinterested directors, or otherwise, to the extent the additional rights to indemnification are authorized in its Restated Articles of Incorporation.

In addition, the Company has entered into indemnification agreements with each of its directors and officers, and maintains directors' and officers' liability insurance under which its directors and officers are insured against loss (as defined in the policy) as a result of certain claims brought against them in such capacities.

#### **Item 7. Exemption from Registration Claimed.**

Not applicable.

#### **ITEM 8. EXHIBITS.**

| <b>Exhibit No.</b> | <b>Exhibit Description</b>  |
|--------------------|---|
| 3.1                | Restated Articles of Incorporation of the Registrant(1)                                 |
| 3.2                | Amended and Restated Bylaws of the Registrant, as currently in effect.(1)               |
| 5.1                | Opinion of Aaron A. Grunfeld*   |
| 10.2               | 2003 Equity Incentive Plan.(1)+   |
| 10.3               | 2003 Form of Employee Option Agreement.(1)+   |
| 10.4               | 2011 Equity Incentive Plan.(1)+   |
| 10.5               | 2011 Form of Employee Option Agreement.(1)+   |
| 10.6               | Second Sight Medical Products, Inc. Equity Incentive Plan – Restricted Stock Units (2)+ |
| 10.7               | Second Sight Medical Products, Inc. Restricted Stock Unit Award Agreement (2)+          |

|       |  |
|-------|--|
| 10.17 | 2015 Employee Stock Purchase Plan. (3)+  |
| 23.1* | Consent of Gumbiner Savett Inc, Independent Registered Public Accounting Firm. |
| 23.2* | Consent of Aaron A. Grunfeld (included in Exhibit 5.1).                        |

\* Included herein.

+ Indicates management contract or compensatory plan

(1) Incorporated by reference to the registrant's registration statement on Form S-1, file no. 333-198073, originally filed with the Securities and Exchange Commission on August 12, 2014, as amended.

(2) Incorporated by reference to the registrant's Form 8-K filed on December 4, 2016.

(3) Incorporated by reference to the registrant's definitive proxy statement on Schedule 14A filed with the Securities and Exchange Commission on April 16, 2015.

#### Item 9. Undertakings.

(a) The undersigned Registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information in the Registration Statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the Registration Statement or any material change to such information in the Registration Statement;

provided, however, that paragraphs (a)(1)(i) and (a)(1)(ii) of this section do not apply to this Registration Statement on Form S-8 if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the Registration Statement.

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(b) The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act that is incorporated by reference in the Registration Statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

### SIGNATURES

Pursuant to the requirements of the Securities Act, the Company certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Sylmar, State of California, on August 17, 2016.

### SECOND SIGHT MEDICAL PRODUCTS, INC.

By: /s/ Will McGuire  
Will McGuire  
President and Chief Executive Officer

### POWER OF ATTORNEY

Each person whose signature appears below constitutes and appoints Jonathan Will McGuire and Thomas B. Miller his true and lawful attorneys-in-fact and agents, each acting alone, with full powers of substitution and resubstitution, for him or her and in his or her name, place and stead, in any and all parties, to sign any and all amendments (including post-effective amendments) to this Registration Statement, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, each acting alone, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, each acting alone, or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

| <u>Name</u>   | <u>Title</u>  | <u>Date</u>     |
|---|---|-----------------|
| <u>/s/ Will McGuire</u><br>Will McGuire                           | President, Chief Executive Officer and Director<br><i>(Principal Executive Officer)</i> | August 17, 2016 |
| <u>/s/ Thomas B. Miller</u><br>Thomas B. Miller                   | Chief Financial Officer<br><i>(Principal Financial and Accounting Officer)</i>          | August 17, 2016 |
| <u>/s/ Robert J. Greenberg</u><br>Robert J. Greenberg M.D., Ph.D. | Chairman of the Board of Directors  | August 17, 2016 |
| <u>/s/ Gregg Williams</u><br>Gregg Williams                       | Director  | August 17, 2016 |
| <u>/s/ William J. Link</u><br>William J. Link                     | Director  | August 17, 2016 |
| <u>/s/ Aaron Mendelsohn</u><br>Aaron Mendelsohn                   | Director  | August 17, 2016 |
| <u>Matthew Pfeffer</u>  | Director  | August 17, 2016 |

Law Offices of Aaron A. Grunfeld & Associates  
11111 Santa Monica Boulevard, Suite 1840  
Los Angeles, California 90025

August 17, 2016

Second Sight Medical Products, Inc.  
12744 San Fernando Road Suite, 400  
Sylmar, California 91342

Re: Registration Statement on Form S-8 Filed by Second Sight Medical Products, Inc.

Ladies and Gentlemen:

We have acted as a counsel to Second Sight Medical Products, Inc., a California corporation (the "Company") in connection with the Registration Statement on Form S-8 (the "Registration Statement") to be filed by the Company with the Securities and Exchange Commission on or about the date hereof, in connection with the registration under the Securities Act of 1933, as amended, of an aggregate of 1,790,000 shares of common stock (the "Shares") of Second Sight Medical Products, Inc. (the "Company"), no par value, consisting of: (i) 1,500,000 additional shares of Common Stock issuable under the Registrant's 2011 Equity Incentive Plan ("2011 Plan"), (ii) 100,000 shares of common stock issuable under the Registrant's 2015 Employee Stock Purchase Plan (the "ESPP Plan" and together with the 2011 Plan, the "Plans") pursuant to an "evergreen" provision in the ESPP Plan, and (iii) 190,000 previously announced stand-alone restricted stock unit awards granted on December 1, 2015 to Will McGuire as an inducement award in connection with the commencement of employment.

You have requested our opinion as to the matters set forth below in connection with the Registration Statement. For purposes of rendering that opinion, we have examined the Plans, the Registration Statement, the Company's Restated Articles of Incorporation, Amended and Restated Bylaws, and the corporate actions of the Company that provide for the issuance of the Shares, and we have made such other investigation as we have deemed appropriate. We have examined and relied upon certificates of public officials and, as to certain matters of fact that are material to our opinion, we have also relied on a certificate of an officer of the Company. In rendering our opinion, we also have made the assumptions that are customary in opinion letters of this kind. We have not verified any of those assumptions.

On the basis of the foregoing, and in reliance thereon, we are of the opinion that the Shares, when exercised, issued and sold in the manner referred to in the Plans and pursuant to the agreements that accompany the Plans, will be legally and validly issued, fully paid, and nonassessable and have been authorized by all necessary corporate actions of the Company.

The opinion expressed herein is limited to the California Corporations Code, including the applicable provisions of the California Constitution and the reported judicial decisions interpreting such law, in each case as currently in effect, and we express no opinion as to the effect of the laws of any other jurisdiction. We express no opinion as to compliance with any federal or state securities laws or state laws regarding fraudulent transfers, and to the extent that any matter as to which our opinion would be governed by any jurisdiction other than the State of California we do not express any opinion on such matter.

The opinion expressed herein is limited to the matters specifically set forth herein and no other opinion should be inferred beyond the matters expressly stated. We assume no obligation to supplement this opinion if any applicable law changes after the date hereof or if we become aware of any fact that might change the opinion expressed herein after the date hereof.

We hereby consent to the filing of this opinion as Exhibit 5.1 to the Registration Statement on Form S-8 filed by the Company to effect registration of the Shares under the Securities Act of 1933 (the "Act"). In giving such consent, we do not thereby admit that we are included in the category of persons whose consent is required under Section 7 of the Act or the rules and regulations of the Securities and Exchange Commission promulgated thereunder.

Very truly yours,

/s/ Law Offices of Aaron A. Grunfeld & Associates



**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

To the Board of Directors  
Second Sight Medical Products, Inc.

We hereby consent to the use in this Registration Statement on Form S-8 of our report dated March 11, 2016, relating to the consolidated balance sheets of Second Sight Medical Products, Inc. and Subsidiary (the "Company") as of December 31, 2015 and 2014, and the related consolidated statements of operations, comprehensive loss, stockholders' equity (deficiency), and cash flows for each of the years in the three-year period ended December 31, 2015, which is incorporated by reference in the Registration Statement. Our report contains an explanatory paragraph regarding the Company's ability to continue as a going concern.

/s/ Gumbiner Savett Inc.  
August 17, 2016  
Santa Monica, California

---